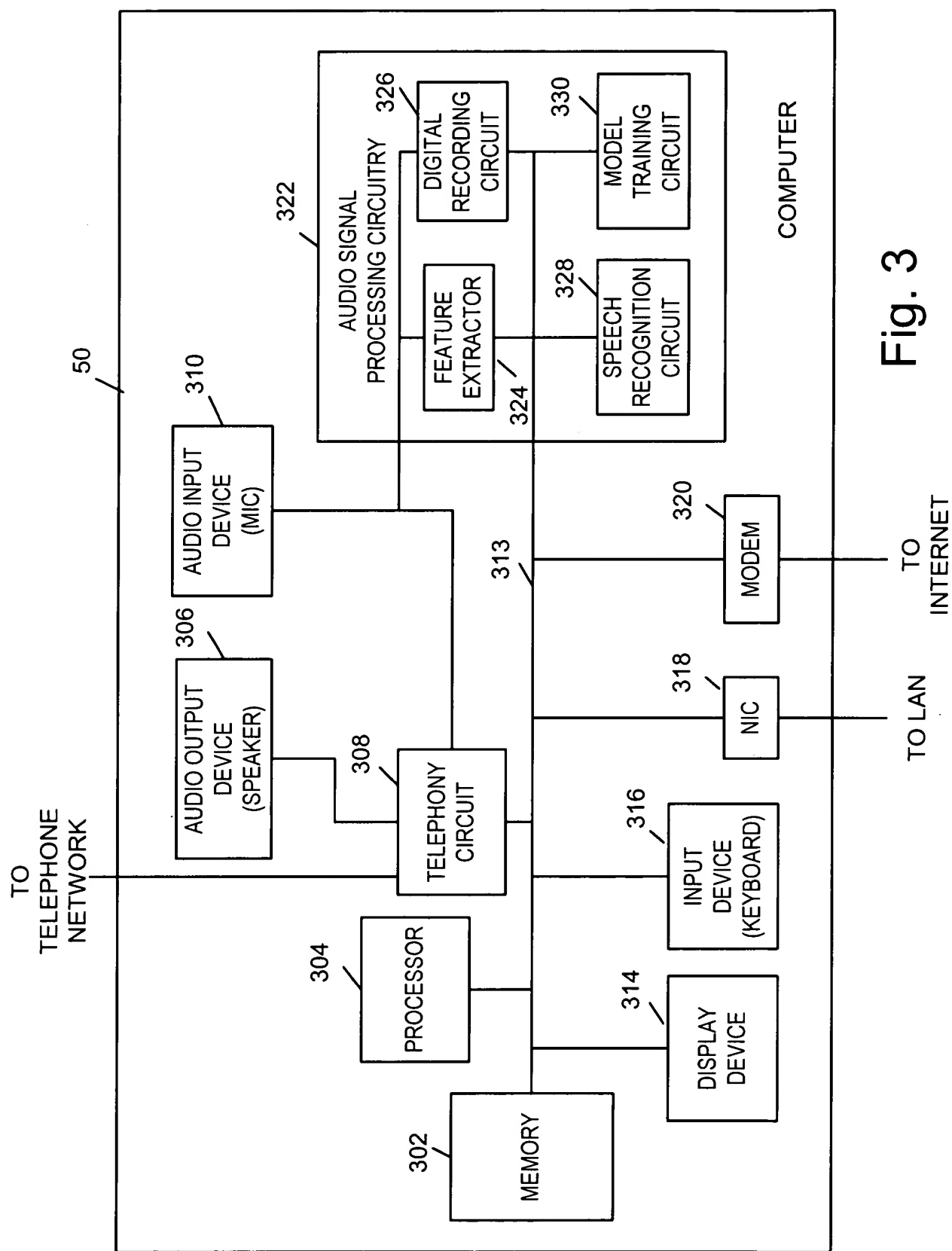


Fig. 2



0976971-13000

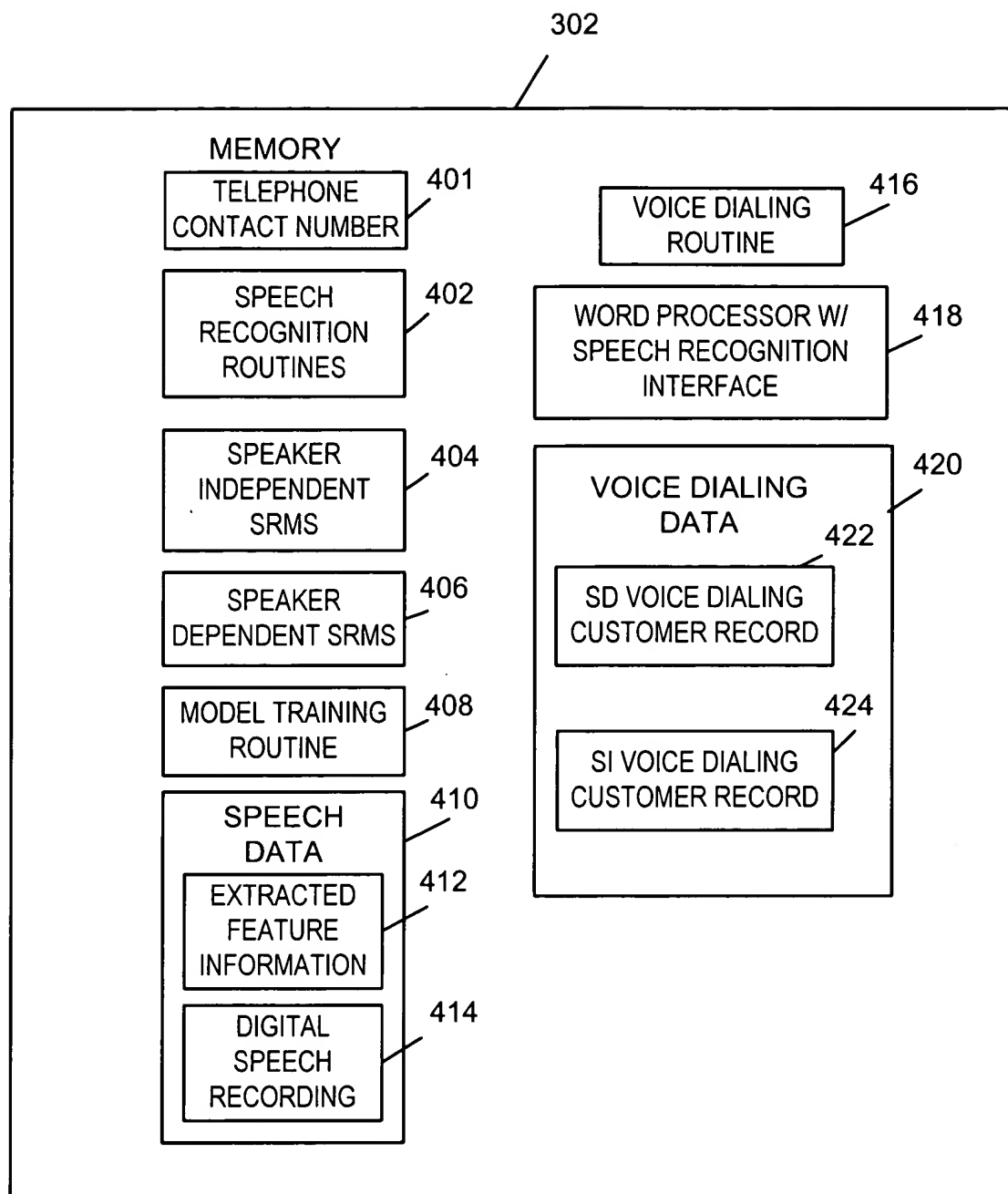


Fig. 4

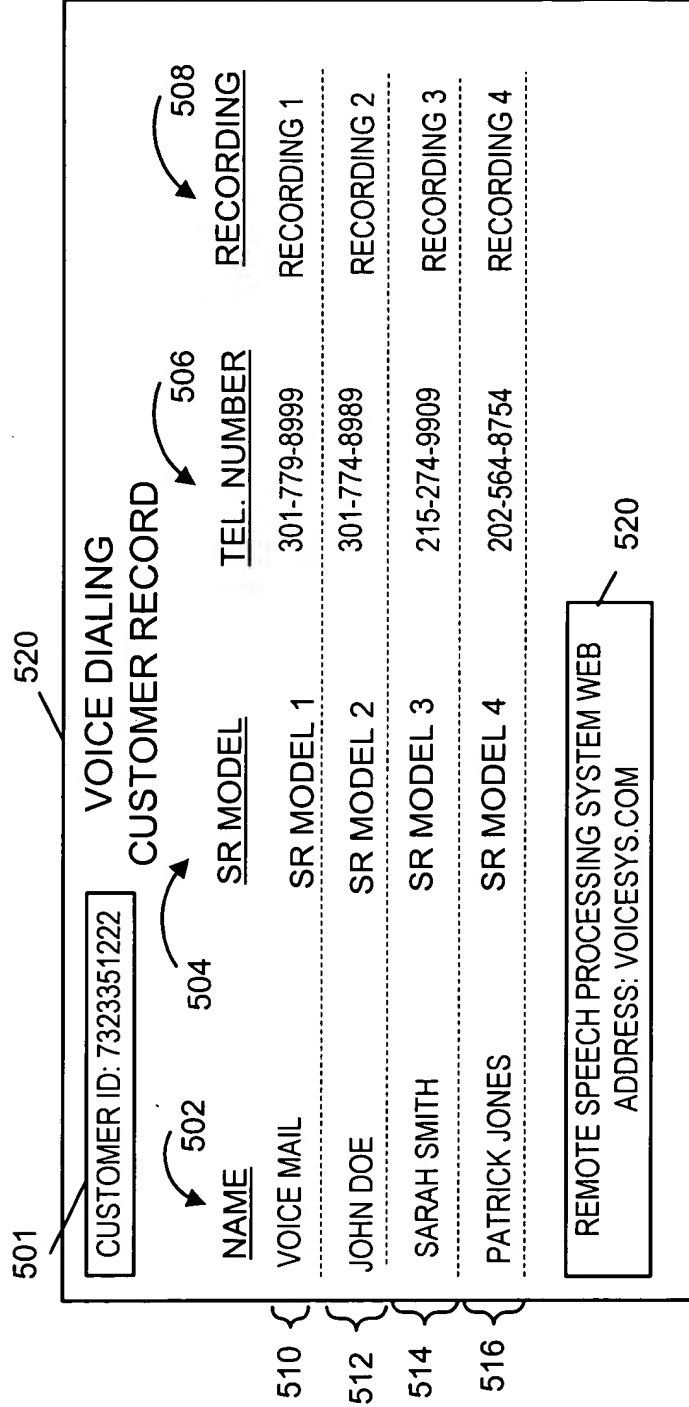


Fig. 5

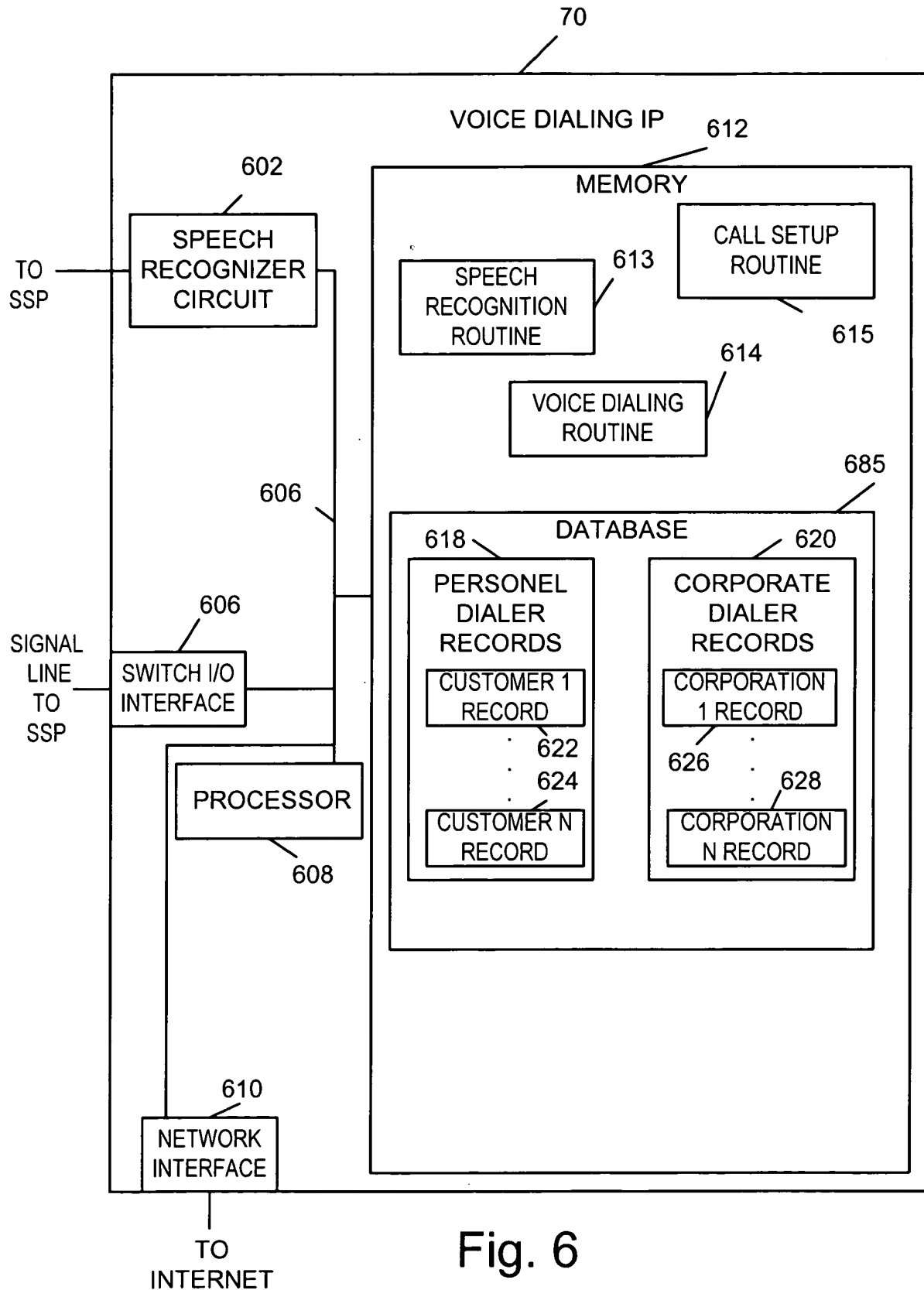
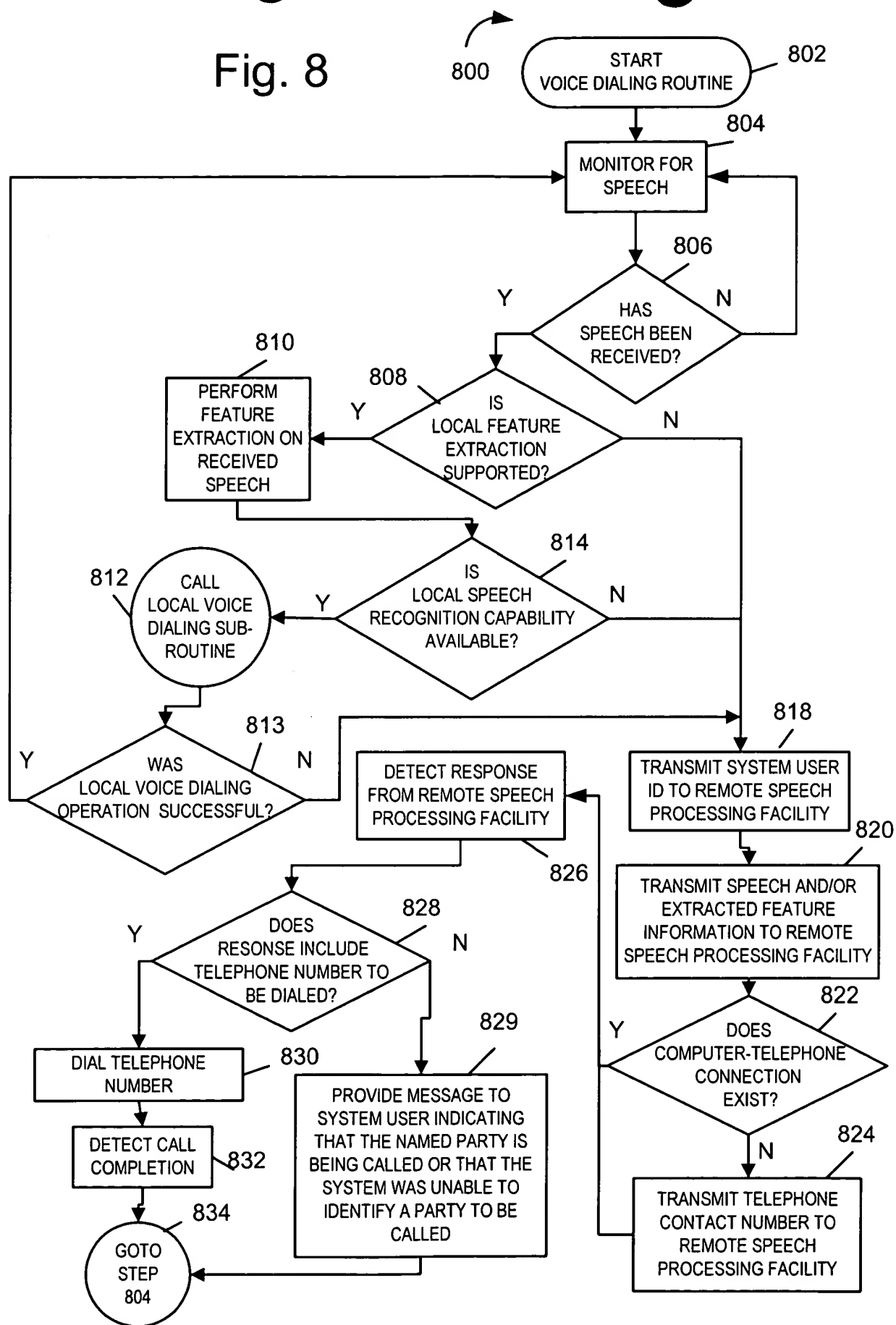


Fig. 6



800




```

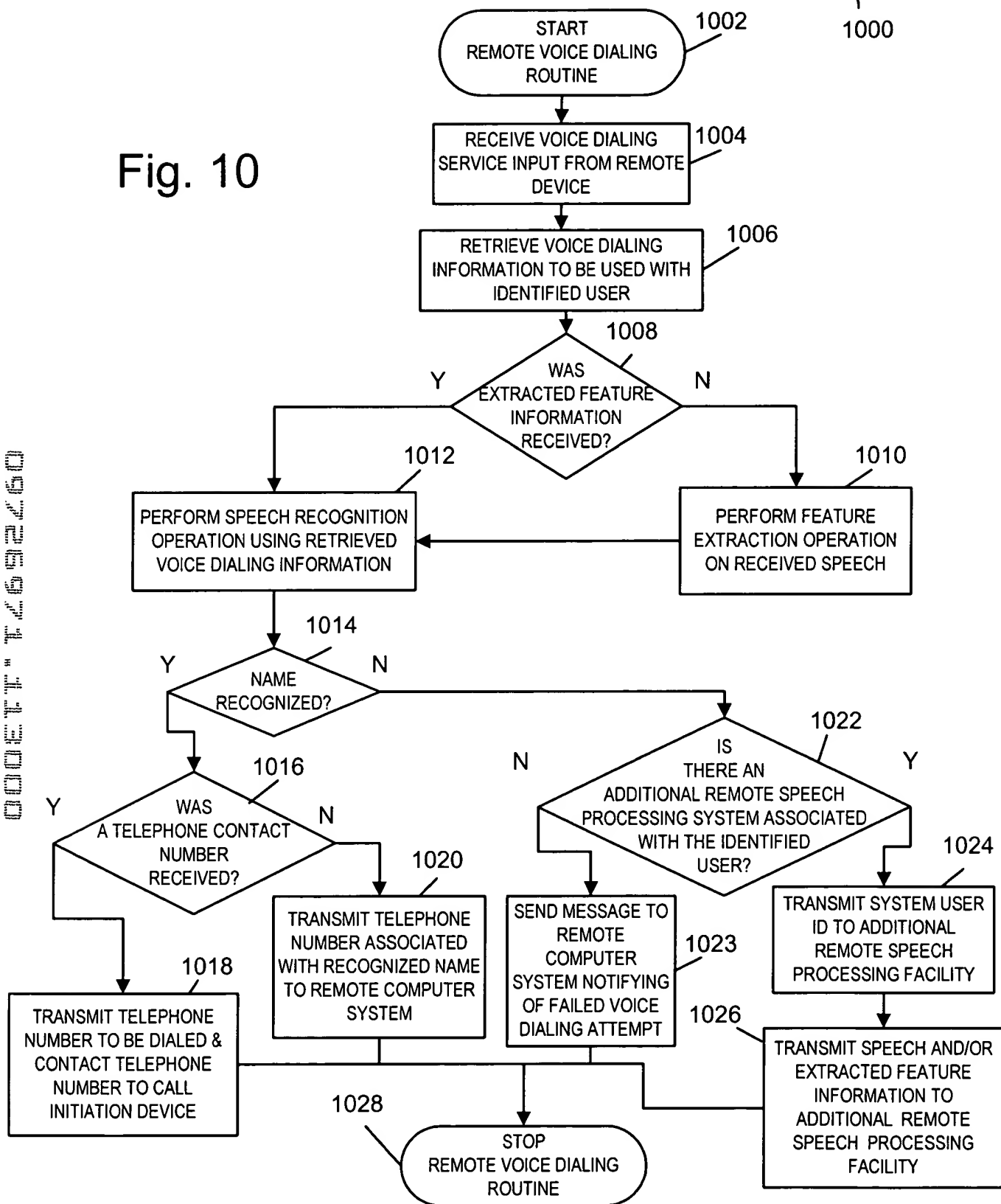
graph TD
    900(( )) --> 902([START  
LOCAL VOICE DIALING  
SUBROUTINE])
    903[/EXTRACTED  
FEATURE  
INFORMATION/] --> 902
    902 --> 904[PERFORM SPEECH  
RECOGNITION  
OPERATION USING  
LOCALLY STORED  
SPEECH RECOGNITION  
MODELS]
    904 --> 906{NAME  
RECOGNIZED?}
    906 -- Y --> 910{DOES  
COMPUTER-TELEPHONE  
CONNECTION  
EXIST?}
    906 -- N --> 908((RETURN  
TO STEP 810  
WITH  
UNSUCCESSFUL  
VOICE DIALING  
INDICATOR))
    910 -- Y --> 914[DIAL TELEPHONE  
NUMBER ASSOCIATED  
WITH RECEIVED NAME]
    910 -- N --> 912[TRANSMIT TELEPHONE  
NUMBER TO BE DIALED &  
CONTACT TELEPHONE  
NUMBER TO CALL  
ESTABLISHMENT DEVICE]
    914 --> 916[DETECT CALL  
COMPLETION]
    916 --> 918((RETURN  
TO STEP 810  
WITH  
SUCCESSFUL  
VOICE DIALING  
INDICATOR))
    912 --> 918

```

Fig. 9

Fig. 9

Fig. 10



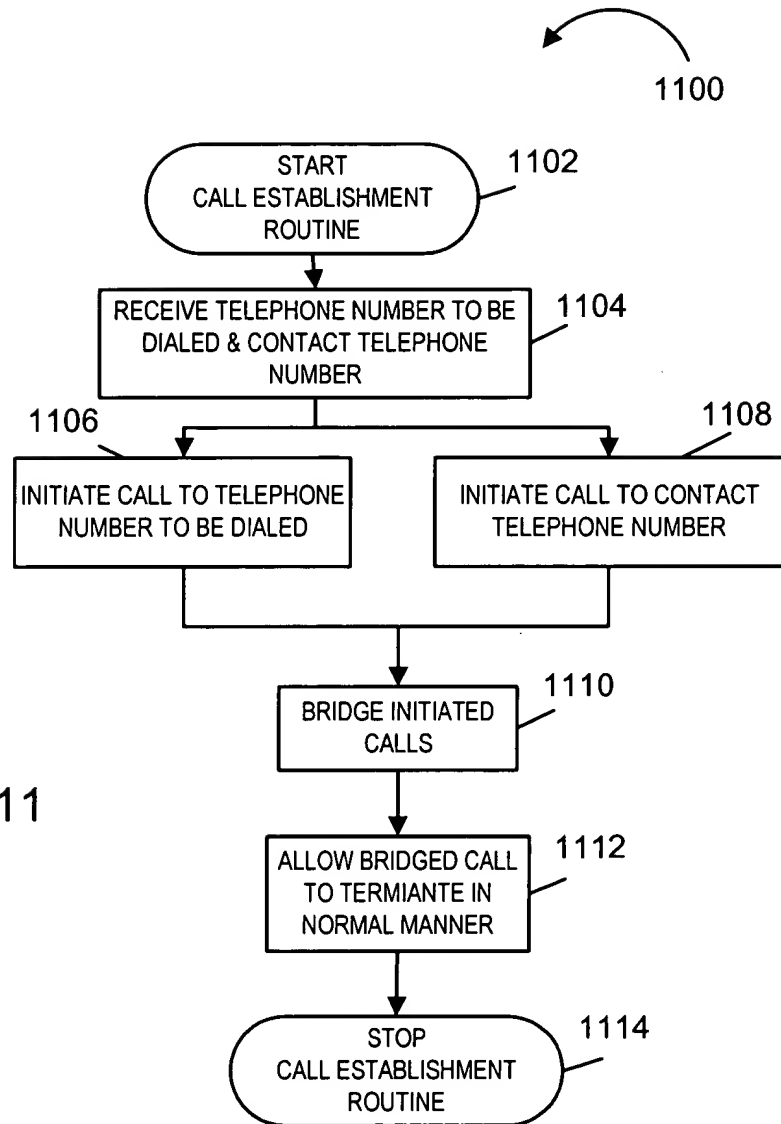


Fig. 11

```

graph TD
    1200((1200)) --> 1202([START MODEL GENERATION ROUTINE])
    1202 --> 1204[MONITOR FOR INPUT]
    1204 --> 1206[RECEIVE INFORMATION]
    1206 --> 1206a[1206a: USER ID, SPEECH/FEATURE INFORMATION, TEXT INFORMATION & MODEL TYPE INFO]
    1206 --> 1206b[1206b: USER ID, EXISTING MODEL, EXISTING MODEL TYPE, SPEECH/FEATURE INFORMATION, UPDATED MODEL TYPE]
    1206a --> 1209[/TRAINING DATABASE/]
    1206b --> 1208[AUGMENT TRAINING DATABASE WITH RECEIVED INFORMATION]
    1209 --> 1210[GENERATE NEW SPEECH MODEL FROM RECEIVED SPEECH AND OTHER RECEIVED INFORMATION AND/OR SPEECH IN TRAINING DATABASE]
    1208 --> 1210
    1210 --> 1212[STORE GENERATED SPEECH RECOGNITION MODEL]
    1212 --> 1213[/MODEL STORE/]
    1213 --> 1228[TRANSMIT UPDATED MODELS AND/OR UPDATED SPEECH RECOGNITION SOFTWARE TO USER DEVICES]
    1212 --> 1214[TRANSMIT GENERATED SPEECH MODEL TO DEVICE WHICH REQUESTED A MODEL GENERATION OR UPDATE SERVICE]
    1214 --> 1204
    1224([MAINTAIN SYSTEM CLOCK]) --> 1226{HAS PRESELECTED TIME BETWEEN UPDATES OCCURRED?}
    1226 -- Y --> 1228
    1226 -- N --> 1224
    1204 --> 1224

```

Fig. 12

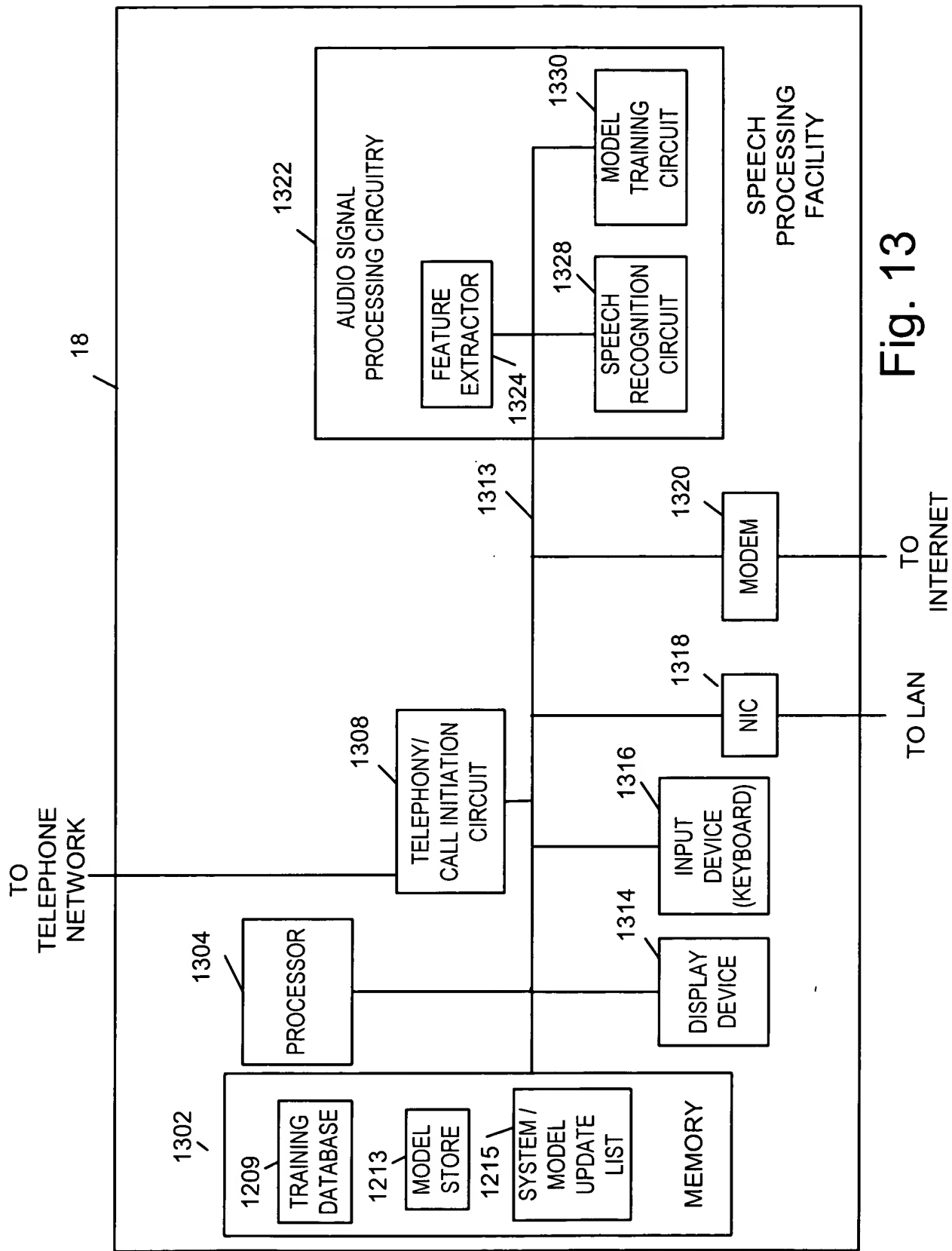


Fig. 13

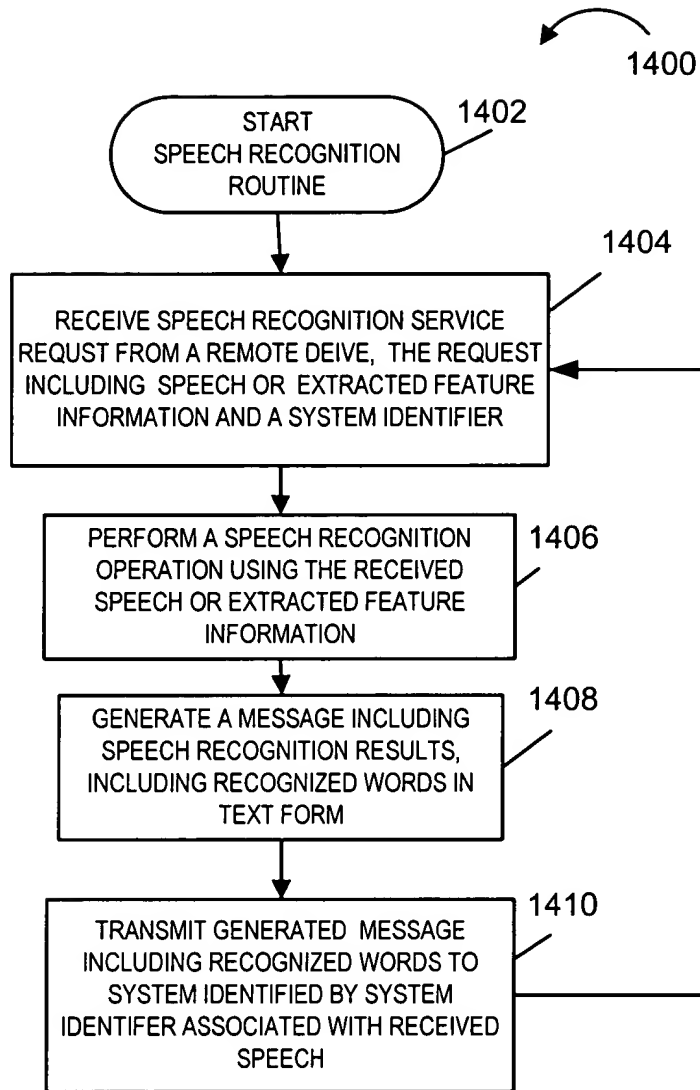


Fig. 14